

AMENDMENTS TO THE SPECIFICATION

Please insert the following paragraph before the first sentence of the application at page 1, line 1:

This application claims the benefit of International Application No. PCT/EP2003/013163 filed on November 24, 2003 under 35 U.S.C. §371, entitled, "Treatment of Granular Solids in an Annular Fluidized Bed With Microwaves" which claims the benefit of German Patent Application No. 102 60 745.1 filed on December 23, 2002.

Please amend the paragraph at page 7, lines 9 to 21, as indicated in the following paragraph:

As sources for the electromagnetic waves (microwave sources), a magnetron or a klystron can for instance be used. Furthermore, high-frequency generators with corresponding coils or power transistors can be [[be]] used. The frequencies of the electromagnetic waves proceeding from the microwave source usually lie in the range from 300 MHz to 30 GHz. Preferably, the Industrial, Scientific, and Medical (ISM) frequencies 435 MHz, 915 MHz and 2.45 GHz are used. Expediently, the optimum frequencies are determined for each application in a trial operation. Since the frequencies of the microwave sources are fixed, the maximum heating capacity is fixed as well. By installing a multitude of small microwave sources, the heating capacity of the fluidized bed can, however, be adjusted optimally. In accordance with the invention, it is furthermore provided to adjust the cross-section and the dimensions of the wave guide to the used frequency of the microwave radiation, in order to provide for an energy input rather free of loss.